



INTEROFFICE CORRESPONDENCE

DATE: July 29, 1994

TO: S. G. Stiger, Environmental Restoration Program Division, Bldg. 080, X8540

FROM: M. C. Broussard, Environmental Operations Management, Bldg. 080, X8517

SUBJECT: *MCB* EOM HIGHLIGHTS FOR WEEK ENDING JULY 29, 1994 - MCB-243-94

DOE Order: 5484.1

ACCOMPLISHMENTS

OU-2 Field Treatability Unit (FTU) Water Treatment Facility

DOE granted EOM permission to ship spent carbon offsite for reactivation. By doing this, spent carbon will be reused and not stored as a RCRA regulated waste. Efforts are under way to have the carbon reactivated.

A revised Statement of Work for the OU-2 FTU subcontractor has been submitted to Procurement. The revised contract will reduce the 24-hour per day coverage to 40-hours per week. Approximately \$510,000 will be saved per year from this contract reduction. The current contractor has submitted their bid proposal to Procurement. EOM will perform a Technical Evaluation on the proposal this week.

The Quarterly Report for the second quarter of 1994 for the OU-2 FTU was submitted to DOE on July 28, 1994. This report is an external milestone, with distribution including DOE, the Colorado Department of Health, and the Environmental Protection Agency.

OU Support

Data tables have been completed and submitted for the second quarter 1994 reports for OU-1 and OU-2. Historic data for SW061 and SW132 have been requested from RFEDS to study seasonal variations in Rad and VOA concentrations.

Main Decontamination Facility

The letter requesting treatment of Environmental incidental waters at the OU2 Field Treatability Unit or the OU1/891 Treatment Facility has been forwarded to the Regulatory agencies.

The excess chemicals that are stored in RCRA Unit #2164 have been sampled. The lab results are due back on August 3, 1994. Arrangements are being made to have the excess chemicals transported out of the 90- Day area by September 2, 1994.

BZ-BZ-A-00274

ACCOMPLISHMENTS (Cont'd)

Sewer Line

Specification drawings for the construction of the sewer line were delivered to Procurement last week. The Bid process will begin shortly.

T891C

Skirting installation on the 4-plex has begun. The sub-contractor is continuing installation of the steps and the wheelchair ramp. The Telecommunications department began installing the phone lines last week.

Buffer Zone Support

There is now only one field radio that is unaccounted for. With the new accountability system in effect, the locations of radios will be more easily controlled.

The audit of the EG&G buffer zone passes will begin this week.

Radiation Worker Training

The Final, Environmental Restoration Radiation Worker Level II Practical Factors Training Course has been approved by Radiation Protection and Performance Based Training. A preliminary pilot session to allow instructors to "rehearse" is scheduled for the middle of August with the first class scheduled later in the month. Approval of the course was accelerated by the efforts of the Subject Matter Expert "Team" and a new awareness on the part of PBT to commit to helping others be successful.

Safety Requirements

A meeting was held between ER Health and Safety and Accelerated Action Project Management to evaluate and identify programmatic health and safety requirements. A consensus was reached on appropriate and practical work control requirements based upon the location of the project and identified chemical, radiological, and physical hazards. Efforts will be made to ensure that all health and safety requirements are clearly defined and implemented so as to create schedule impacts or delays.

Readiness Review 93/004, OU 4 Phase I Continuation

Authorization for geotechnical survey activities were authorized on July 26, 1994. The AAF for the continuation of all other RFI activities is still pending clarification of a start date.

Readiness Review 93/007D, Industrial Areas Operable Units (IAOUS), OU 14

The AAF was approved on July 29, 1994. Clarification of the status of a DMR against 21100-WP-OU14.1 was not considered a Pre-start condition. However, part of the clarification involves ERPD/QS review of the issuance of the DMR because it may be in the process without a QS approval. (It has been discovered that several DMRs were issued on the OU 13 Work Plan without the Quality Assurance Program Director's (QAPD) approval.

ACCOMPLISHMENTS (Cont'd)

Readiness Review 93/007E, Industrial Areas Operable Units (IAOUS), OU 8

EOM will meet with the OU 8 Project Manager on August 1 to discuss the Checklist status. A late August field date is being sought, and the project is attempting to facilitate agency approvals of the WP/FSP.

Readiness Review (Special Assessment) 93/008, Accelerated Sludge Removal Program (ASRP)

The final briefing to obtain DOE startup authorization was held Thursday, July 28, 1994, with only minor, last-minute administrative closures remaining. DOE was very pleased with the status and the briefing. At the request of DOE, C-Pond sludge movement will be delayed until August 2-3, 1994, pending final cleanout (small gravel and rinsing) of B-South.

Readiness Review 94/009, B/B Decon Water Treatment Facility

The anticipated field date for the contractor is no earlier than January, 1995. Therefore, further Checklist development has been delayed pending further project definition, and also because of higher priority RRS (i.e., those with *nearer-term field dates*).

Readiness Review 94/014B, Ground Water Recharge and Seepage Characterization

The Checklist basis was established under RR 94/014a. It was forwarded to the Project Manager on June 23, 1994. EOM has no status on this operation (i.e., there has been no response since June 23, 1994).

Readiness Review 94/015, (Accelerated Cleanup) Sprinkler Pipe Removal

Operations management of this project is intended to be similar to the 946 Yard Cleanup, in that it will be treated as, primarily, a maintenance project. A draft Checklist was delivered to the Project Manager on July 29, 1994. EOM has been advised of an anticipated field date of August 22, 1994, dependent upon BCP status.

Readiness Review 94/016, (Accelerated Cleanup) OU 6 & OU 10 (964 Yard)

The intent is to verify Checklist items even though operations began without a RR approval. The project-specific HASP has been approved. Project management concurrence signatures for the Checklist have been obtained. Three administrative items remain open on this Checklist, and the Project Manager was (again) advised of them on July 29, 1994.

Readiness Review 94/017, (Accelerated Cleanup) Packaging of B-4 Pond Rad Piping

Project Management has advised EOM of a desired field date of approximately August 22, 1994 depending upon BCP status. A draft Checklist is to be delivered to the Project Manager the week of August 1, 1994.

ACCOMPLISHMENTS (Cont'd)

Readiness Review 94/018, (D&D PILOT #2) B121 Security Incinerator

EOM has still not received Team concurrence signatures from the D&D Program Manager or Radiological Engineering. ERPD T&Q is still delaying concurrence until project management can provide task descriptions in sufficient detail to enable an appropriate T&Q analysis. D&D project management took issue with document control requirements for the project's FSP. EOM facilitated communication with ERPD/QS, which determined that the document was, in essence, and instruction and that it therefore must be an ERPD records, but that controlled document status was not required. EOM had to seek out the D&D Project Management to communicate the resolution.

Readiness Review 94/020, (Accelerated Cleanup) OU 1 Hot Spots Removal

EOM is awaiting further project input, due primarily to the required public comment period. The Checklist is approved, but most items remain open.

Readiness Review 94/021, D/B IDM Storage Facility (B-892)

ERPD IWCP is still reviewing the Checklist. The IWCP is delayed in Engineering.

Readiness Review 94/022, OU 7 Phase 2 Field Investigation

The Checklist has been fully approved. EOM is awaiting further project input.

Readiness Review 94/024, Centralized Waste Storage Facility (CWSF) Special Assessment (SA)

A second scoping meeting was held on July 28, 1994. The DOE representative has been asked to clarify DOE's interpretation of the administrative (procedural) basis to be followed for this SA: Waste Management does not have A RR procedure, and the CWSF is not and should not be subjected to the RFETS Level 1 "ORR" procedure. Considerable progress was made on identifying Checklist items, and the present plan is to administrate the Checklist in three phases: Design, Construction, and Operations. A third meeting is scheduled for August 4, 1994 to continue Checklist formulation and to begin specific identity of Team members.

Readiness Review 94/025, (Accelerated Cleanup) B443 Tanks

EOM is awaiting further communication on the draft Checklist submitted on July 29, 1994 . particularly as regards the impact of any proposed CERCLA closure requirements.

Readiness Review 94/026, OU 5- Addendum to the Final Phase I RFI/RI Field Sampling

EOM is awaiting further communication on the draft Checklist submitted July 19, 1994.

Readiness Review 94/027, (Accelerated Cleanup) Multiple IHSSS

EOM has been requested to facilitate a September 1, 1994 field date. A draft Checklist should be delivered to project management by August 8, 1994.

ACCOMPLISHMENTS (Cont'd)

Upgrades to Decon Pads

The second solicitation process was completed July 29, 1994, when the proposals were submitted.

OU1 IM/IRA

An agreement with the 881 Standards lab has been reached which will provide lab calibration standards for use in calibration of the Gas Chromatograph in Building 891.

Design/Construction of Decontamination Water Treatment Facility

The contract award package with Procurement subcontract summary was completed and delivered to the Denver West Procurement office on July 25, 1994. Follow-up with Procurement revealed that the original bid proposal with the 3 addendums needed to be signed by the low bidder and this was to be accomplished on July 28, 1994. The package should be ready for review and approval by Norm Sandlin.

A meeting was held in Building 060 on July 25, 1994 to review the training requirements of subcontractor personnel as listed in Division 1 of the Statement of Work. The result of this meeting was additional research into the requirements and certifications/licenses available to subcontractor personnel from off-site training. For example, a licensed electrician might have both CPR and Lock Out/Tag Out training which he/she received off-site. This training could be accepted by EG&G, in lieu of on-site training, if the subcontractor submits documentation that is acceptable to the EG&G training department. Subsequent research with the State Electrician licensing Board revealed that the electrician's license only covers technical and Uniform Building Code requirements and does not deal with CPR or Lock Out/Tag Out. In follow-on discussions with DOE, it was decided that training substitutions would be done on a case-by-case basis in order to build a database on what would constitute "acceptable" off-site training.

Both of the two items listed above were discussed with the assigned "Barrier Elimination" Project engineer, Doug Harris, on July 29, 1994. A meeting to follow-up on the "License to Work" program will be held on August 2, 1994.

Relocate OU2 FTU to OU1

The survey of the Building 891 area has been completed and a listing of equipment and trailers to be relocated from OU2 has been received.

ACCOMPLISHMENTS (Cont'd)

Design/Construction of IDM Storage Facility

Subcontractor met with EG&G and DOE representatives on July 21, 1994 to present and discuss the Design Basis Documents prepared thus far. The Subcontractor is still deficient in complete information. The corrective action of EG&G will be to increase the "coaching" activity with an every other day telecon conference with the Subcontractor on required information. We have scheduled a progress meeting with the Subcontractor for Tuesday, August 2, 1994 for a status review of the Design Basis Documents.

Interim Bulk Storage Facility SOW Development

The baseline change proposal was presented, reviewed, and approved on July 26, 1994. A kickoff meeting for the subject project is scheduled for August 2, 1994. The schedule for the development of the Statement of Work (SOW) projects the completion of the development of the SOW by the end of FY94.

PROBLEMS/SOLUTIONS

OU-2 Field Treatability Unit (FTU) Water Treatment Facility

Due to extremely low influent to the FTU, normal sampling events have had to be curtailed. Effluent samples are being taken when the facility processes water (once every 1 1/2 to 2 weeks). Weekly sampling of the three surface water locations (SW-59, SW-61, and SW-132) continues, however.

Main Decontamination Facility

A moratorium that was placed on the movement of all tankers on plantsite has been lifted. The moratorium was a result of two spills that occurred during the off-loading of liquid from a tanker.

T891C

Engineering has changed the electrical hook-up for the 4-plex due to the increased power requirements for the new trailers. An engineering change request has been completed.

After an inspection of T891C, it has been found that there are several items that do not meet the specifications. EOM will have a meeting with Spacemaster on August 2, 1994 to resolve the problems.

Design/Construction of Decontamination Water Treatment Facility

The delay in awarding (signing) the subcontract for the "Design/Build Decon Water Treatment Facility" is affecting the entire project schedule.

Compliance by Subcontractors

Concerns have been raised by Environmental Restoration Programs Division Management regarding compliance to procedures, practices, and policies by Subcontractors. This concern is related to recent events involving the disregard of health and safety and reporting requirements by Subcontractors. Several actions have been assigned including 1) a letter to Subcontractors stressing their obligations, 2) a meeting conducted by the ER Health and Safety Officer with Subcontractor Health and Safety Representatives stressing compliance requirements, and 3) a meeting with all Project Managers and their Subcontractors, again stressing compliance.

PROBLEMS/ISSUES (Cont'd)

Upgrades to Decon Pads

The audience for the second solicitation was opened to all Small Businesses, whereas, the first solicitation was opened to only Small Disadvantage Businesses.

The past week initiated a review by DOE on this project to identify potential cost savings either under the Design/Construct contract or EG&G's management oversight. A goal of 10% over the project budget is the governing baseline review.

Design/Construction of IDM Storage Facility

The Subcontractor has been requested to comply with the Contract Documents and to accomplish the Geotechnical Investigation required. A copy of the Geotech work performed for the Centralized Waste Building will be furnished to the Subcontractor for his use. Drilling work to proceed August 1, 1994.

LS/DW System

EOM was informed that installation of the LS/DW panel has been delayed until the week of August 8, 1994. Start-up of the LS/DW system is anticipated for the following week.

INFORMATION

Inventory

To date EOM has processed 661 sensitive property receipts and found 173 decontrolled items. There are 1101 sensitive items to be found and/or processed and 335 decontrolled items still outstanding.

Protected Area Decontamination Facility

The PADF is not supporting any environmental activities at this time.

Main Decontamination Facility

Radiological and Environmental Readings were at background levels. The Main Decontamination Facility (MDF) was Resource Conservation and Recovery Act (RCRA) inspected throughout the work week.

A roundtable meeting was held on the Integrated Work Control Package (IWCP) for the installation of the electric/propane steamcleaner at the MDF. Revisions are being made to the package and it is anticipated to have it signed off the week of August 1, 1994.

The action plan for the surveying of personal protective equipment (PPE) in Cargo container #28 has been received. The plan is currently being reviewed by the Health & Safety Specialist (HSS) for the Decontamination Facility and it is anticipated to begin work the week of August 1, 1994.

A 500 gallon propane tank that was located at the windsite has been transferred to the MDF. The propane tank was transported to the decon facility by Ferrell Gas.

INFORMATION (Cont'd)

OU-2 Field Treatability Unit (FTU) Water Treatment Facility

The seep adjacent to SW-59 has reappeared. Sampling of the seep water (Fall of 1992 and 1993) indicates that it is similar in characterization to the SW-59 seep that is being collected and treated at the OU-2 FTU. Samples will be taken when enough water is present.

A 3100 gallon double walled tank is being procured for collection of Surface Water location SW-59 during the night, weekends, and holidays. Funding for this tank was provided from the miscellaneous equipment funding in work package no. 12050, OU2 FTU Operations and Maintenance. This minor modification will save the DOE \$9,300 per week in subcontract labor. The current subcontract Statement of Work is being modified to eliminate the 24-hour per day, seven day per week shifts that are currently being utilized. The new contract will reduce the hours of operation to 40-hours per week. EOM feels strongly that transferring water through the influent line during off-hours greatly increases the risk of a large spill if the line was to break. Any spill of SW-59 water will require implementing the Resource Conservation and Recovery Act (RCRA) Contingency Plan. A risk assessment performed on OU-2 influent water determined that this water has an increased risk, therefore requiring excavation and disposal of any soils that are affected by a spill. By collecting the water in a small tank at the source during off-hours, this risk is minimized. The collection tank can also be used to hold or transfer SW-59 water if another treatment method or location is utilized. The tank will be placed uphill of the seep, and will eliminate contaminated water from being pumped through the influent transfer line during unsupervised times. This new system will be equipped with an auto-dialer, which will transmit a pre-recorded message to the Shift Superintendent in the event of a pump failure or leak. Installation (except for freeze protection systems) is expected to be completed the third week of August, 1994.

No sludge was packaged last week.

EOM has proposed to consolidate OU-1 (Building 891) and the OU-2 FTU operations into one facility. This consolidation would allow ERM to treat almost any environmental wastewater, and eliminate the need for each Operable Unit to treat its own water. This effort could save DOE millions of dollars by eliminating design, approval, and construction of future treatment facilities. Funding for the transfer/consolidation of the OU-2 FTU to OU-1 will be under the 1272 ADS. When the facility is operational, water will be treated on a cost per gallon basis.

Readiness Review Records

The following RR records have been finalized and transmitted to the ERPD Records Center:

- 93/009, OU 2 Surficial Soil Sampling
- 93/010, Ground Water Monitoring Program
- 94/008, OU 11 RFI/RI
- 94/010, Geotechnical Evaluation of Terminal Dams

Upgrades to Decon Pads

Subcontractor proposals are being reviewed and a technical evaluation prepared.

INFORMATION (Cont'd)

OU1 IM/IRA

The Quarterly Report was submitted to DOE on July 29, 1994.

Results received from sample analysis on the recovery well (CW001) indicate that approximately 1 ppm total organics is presently found at the recovery well. Primarily trichloroethene and tetrachloroethane were detected.

Total Treated Ground Water (OU1) and Surface Water (OU-2)

Treated groundwater this week: 2,090 gallons
Total treated to date: 2,516,306 gallons

Treated Water Last Week: 0 gallons
Total Water Treated at FTU: 24,764,083 gallons

laa

cc:
ERPD Project File (2)